

MANAGEMENT SYSTEM CERTIFICATE

Certificate No.:
CERT-05672-2006-AQ-HOU-ANAB

Initial date:
22, November, 2002

Valid until:
02, October, 2017- 15, October, 2018

This is to certify that the management system of

Almatis, Inc.

501 West Park Road, Leetsdale, PA, 15056, USA
and the sites as mentioned in the Appendix accompanying this Certificate

has been found to conform to management system standard:
ISO 14001:2004

This certificate is valid for the following Scope:

The Manufacture and Sale of Alumina Chemicals

Place and date:
Katy, TX 26, September, 2017

For the issuing office:
**DNV GL - Business Assurance
1400 Ravello Drive
Katy, TX 77449**



A handwritten signature in black ink, appearing to read 'Chandran Ilango'.

Chandran Ilango
Management Representative

Certificate No.: CERT-05672-2006-AQ-HOU-ANAB
 Place and date: Katy, TX, 26, September, 2017

Appendix I to Certificate

Almatis, Inc.

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Almatis, Inc. HQ	501 West Park Road, Leetsdale, PA, 15056, USA	The Manufacture and Sale of Alumina Chemicals
Almatis, Inc.	4701 Alcoa Road, Bauxite, AR, 72011, USA	The Manufacture and Sale of Alumina Chemicals

